

## ABSTRACT

Methods have been discovered for treating minimal residual disease following removal of most or a substantial fraction of malignant cells from a cancer patient. An autologous stem cell transplant is performed on the patient. Following partial hematopoiesis recovery, the patient is infused with allogeneic peripheral blood lymphocytes, either alone or in combination with in vivo or in vitro cytokine. The infused allogeneic lymphocytes engender an anti-malignant cell response and can be instrumental in prevention of disease relapse.